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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 4965-000266/US/NP U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 107582310 |
| INTERNATIONAL APPLICATION NO. PCT/EP2004/012047 | INTERNATIONAL FILING DATE 26 October 2004 | PRIORITY DATE CLAIMED 11 December 2003 |
| TITLE OF INVENTION APPARATUS FOR POWER CONTROL BY PHASE GATING AND A METHOD FOR HARMONIC REDUCTION APPLICANT(S) FOR DO/EO/US Detlef SCHULZ | | |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input checked="" type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | |

AP20 Rec'd PCT/PTO 09 JUN 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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|--|--------------|---|---|-------------|------------------------|----|----------------------|----|
| U. S. APPLICATION NO. (If known, see 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. PCT/EP2004/012047 | ATTORNEY'S DOCKET NUMBER 4965-000266/US/NP | | | | | |
| <p>20. <input checked="" type="checkbox"/> Other items or information: Certificate of Express Mailing (Label EV 805 534 539 US); Check in the amount of \$940.00; Formal Drawings showing Figs. 1-3 (2 pages); Substitute Specification w/ Mark-up (11 pages); IDS Citation by Applicant (Form HDP-1449) citing 8 refs (6 encl) w/ ISR (in English); Copy of Published International Application WO 2005/062455 A1; Return Receipt Postcard</p> | | | | | | | | |
| <p>The following fees have been submitted</p> <p>21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300</p> <p>22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200</p> <p>23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500</p> | | | CALCULATIONS | PTO USEONLY | | | | |
| TOTAL OF 21, 22 and 23 = | | | \$ 900.00 | | | | | |
| <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p> | | | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | | | | |
| 15 - 100 = | /50 = | | \$ x \$250.00 | | | | | |
| Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | | | | | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | | |
| Total claims | 13 - 20 = | | x | 0.00 | | | | |
| Independent claims | 2 - 3 = | | x | 0.00 | | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + | | | | | |
| TOTAL OF ABOVE CALCULATIONS = \$ 900.00 | | | | | | | | |
| <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.</p> | | | | | | | | |
| SUBTOTAL = \$ 900.00 | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | | | | | |
| TOTAL NATIONAL FEE = \$ 900.00 | | | | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | | | | | |
| \$ | | | | | | | | |
| | | | TOTAL FEES ENCLOSED = \$ 940.00 | | | | | |
| <table border="1"> <tr> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td>Amount to be charged</td> <td>\$</td> </tr> </table> | | | | | Amount to be refunded: | \$ | Amount to be charged | \$ |
| Amount to be refunded: | \$ | | | | | | | |
| Amount to be charged | \$ | | | | | | | |

10/5/823106
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- a. A check in the amount of \$ 940.00 to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Christopher M. Brock
HARNESS, DICKEY & PIERCE, P.L.C.
P. O. Box 828
Bloomfield Hills, MI 48303
United States of America



SIGNATURE

Christopher M. Brock

NAME

27,313

REGISTRATION NUMBER

CUSTOMER NUMBER: 27572

Dated: June 9, 2006

10/582310

APR 2006 9:57 AM 09 JUN 2006

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 4965-000266/US/NP

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. **EV 805 534 539 US** in an envelope addressed to:

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on June 9, 2006
Date



Signature

Christopher M. Brock

Typed or printed name of person signing Certificate

27,313
Registration Number, if applicable

(248) 641-1208
Telephone Number

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3. Transmittal Letter to the DO/EO/US (3 pages, in duplicate);
4. Application Data Sheet (2 pages);
5. English Translation of the International application (13 pages);
6. Formal Drawings showing Figs. 1-3 (2 pages);
7. Signed Declaration and Power of Attorney (3 pages);
8. Substitute Specification (11 pages);
9. Substitute Specification w/ Mark-up (11 pages);
10. First Preliminary Amendment (5 pages);
11. Recordation Form Cover Sheet w/ signed Assignment (4 pages);
12. Information Disclosure Statement (5 pages);
13. Form HDP-1449 citing 8 refs (6 encl) w/ ISR (in English);
14. Copy of Published International Application WO 2005/062455 A1;
15. Return Receipt Postcard.